

3330

## INTERNATIONAL SEARCH REPORT

6 MAY 2005

International Application No

PCT/DE 03/03639

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B23K37/04 B23K37/06 B23P6/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B23K B23P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 676 259 A (MOTOREN TURBINEN UNION) 11 October 1995 (1995-10-11) the whole document -----	1,5
X	US 6 173 491 B1 (GOODWATER FRANK ET AL) 16 January 2001 (2001-01-16) column 4, line 41 - column 5, line 14; figures 3,4 -----	1,4,5
A	WO 97/21516 A (PAN YING ;SIEMENS AG (DE); HALBERSTADT KNUT (DE)) 19 June 1997 (1997-06-19) cited in the application the whole document -----	1,4

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

17 March 2004

Date of mailing of the international search report

12. 07. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Aran, D

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/03639

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0676259	A	11-10-1995	DE 4411680 C1 DE 59504944 D1 EP 0676259 A1	17-08-1995 11-03-1999 11-10-1995
US 6173491	B1	16-01-2001	AT 265287 T AU 6517200 A CA 2383404 A1 DE 60010288 D1 EP 1212167 A1 JP 2003507614 T WO 0112382 A1	15-05-2004 13-03-2001 22-02-2001 03-06-2004 12-06-2002 25-02-2003 22-02-2001
WO 9721516	A	19-06-1997	WO 9721516 A2 DE 59607692 D1 EP 0868253 A2 ES 2164271 T3 JP 2000501657 T	19-06-1997 18-10-2001 07-10-1998 16-02-2002 15-02-2000